

PATENT
ATTORNEY DOCKET NO: KCX-665 (19232)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: MacDonald et al.)	Examiner: Michael G. Hartley
)	
Patent No: 7,879,350)	Art Unit: 1618
)	
Issued: February 1, 2011)	Deposit Account No: 04-1403
)	
Confirmation No: 4589)	Customer No: 22827
)	
Title: Method for Reducing Odor Using)	
Colloidal Nanoparticles)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

Dear Sir:

Applicants request a Certificate of Correction for the above-referenced patent, as set forth on the attachment. Applicants submit this Certificate of Correction in accordance with 35 U.S.C. § 254 and 37 C.F.R. 1.322 without payment of the \$100 fee as the error was made by the Patent Office. Also attached is a copy of the Information Disclosure Statement filed April 21, 2004

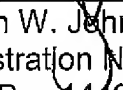
Please charge any additional fees required by this Request to Deposit Account No. 04-1403.

Respectfully submitted,

DORITY & MANNING, P.A.

9/1/11

Date




Jason W. Johnston
Registration No. 45,675
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Telephone: (864) 271-1592
Facsimile: (864) 233-7342

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Sandra S. Perkins

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(Signature of person transmitting documents)

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,879,350

APPLICATION NO.: 10/686,933

ISSUE DATE : February 1, 2011

INVENTOR(S) : John Gavin MacDonald, Kevin P. McGrath, Irene Kuznetsov, Jaeho Kim, and Lei Huang

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Under References Cited - Foreign Patent Documents the following reference needs to be added:

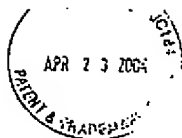
EP 0232141 A1 8/1987

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DM-10.03

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In re Application of:	MacDonald, et al.	Attorney Docket No:	KCX-665 (19232)
Serial No:	10/686,933	Date:	March 17, 2004
Filed:	October 16, 2003	Art Unit:	1744
Confirmation No:	4589	Our Customer ID:	22827
Title:	Method For Reducing Odor Using Colloidal Nanoparticles	Our Account No:	04-1403

Commissioner for Patents
U.S. Patent and Trademark Office
Post Office Box 1450
Alexandria, VA 22313-1450

Sir:

The following is a Supplemental Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

1.[x] Attached hereto is:

- a.[x] A list of materials for consideration per Rule 98(a)(1): 5 page(s)
- b.[x] A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98 and/or as indicated on the attached list(s):
129 item(s)
- c.[] For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items:
[] Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

2.[x] This Information Disclosure Statement is being filed [CHECK ONE]:

- a.[x] WITHIN THREE MONTHS of the application filing date, national stage date of entry, or along with or after a request for continued examination, OR BEFORE the mailing date of a first Office Action on the merits, whichever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(c) certificate is required.
- b.[] AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:
 - i.[] Certification per Rule 97(e); OR
 - ii[] Filing Fee per Rule 17(p)\$180.00
- c.[] AFTER a Final Action OR Notice of Allowance, but BEFORE payment of the issue fee, WHEREFORE per Rule 97(d) submitted herewith is:
 - i. Certification per Rule 97(e); AND
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[] Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:

- a.[] That each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
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CERTIFYING PARTY (if different from bottom signature; omission here indicates that certification is being made by signer per signature below).

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4.[x] DEPOSIT ACCOUNT AUTHORIZATION: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.

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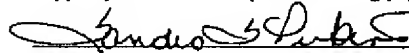
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DORITY & MANNING, P.A.

By: Christina L. Mangelsen, Patent Agent

Reg. No: 50,244

Signature: 

Date: April 20, 2004



101-1062603
Sheet 1 of 5

Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: KCX-665 (19232)	Serial Number: 10/686,933
	Applicant: MacDonald, et al.	
	Filing Date: October 16, 2003 Confirmation No: 4589	Group Art Unit: 1744

- NOTE: If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]"
- (1) This item is cumulative, per Rule 98(c)
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 USSN _____, filed _____, or
 USSN _____, filed _____;
 Relied on under 35 U.S.C. Section 120, per Rule 98(d)
 - (3) Both reasons (1) and (2) apply
 - (4) No legible complete copy is possessed, in custody of controlled, or readily available
 - (5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

Application was filed after June 30, 2003.

U.S. PATENT DOCUMENTS										
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
SPO	Davis	R	E	3	0	7	9	7	11/17/1981	5
	Davis	R	E	3	0	8	0	3	11/24/1981	5
	Müller, et al.	2	0	1	5	8	6	4	10/01/1935	5
	Howard	2	5	9	3	1	4	6	04/15/1952	5
	Crowley	3	2	6	6	9	7	3	08/16/1966	5
	Saras	3	3	8	1	6	8	8	05/07/1968	5
	Brown, et al.	3	9	1	9	4	3	7	11/11/1975	5
	Brock, et al.	4	0	4	1	2	0	3	08/09/1977	5
	Watk, et al.	4	1	7	2	7	8	1	10/30/1979	5
	Farha, Jr., et al.	4	3	1	3	8	2	0	02/02/1982	5
	Appel, et al.	4	3	7	5	4	4	8	03/01/1983	5
	Tratnyck	4	4	0	7	9	6	0	10/04/1983	5
	Weisman, et al.	4	4	6	9	7	4	6	09/04/1984	5
	Hou	4	4	8	8	9	6	9	12/18/1984	5
	Kroyer, et al.	4	4	9	4	2	7	8	01/22/1985	5
	Racburn	4	4	9	4	6	2	9	01/22/1985	5
	Ehlerz, et al.	4	5	1	7	3	0	8	05/14/1985	5
	Mays	4	5	2	2	2	0	3	06/11/1985	5
	Hagiwara, et al.	4	5	2	5	4	1	0	06/25/1985	5
	Laurson, et al.	4	6	4	0	8	1	0	02/03/1987	5
	Johnson	4	6	4	3	8	0	1	02/17/1987	5
	Kidd	4	7	2	5	4	1	5	02/16/1988	5
	Hill	4	7	3	4	3	2	4	03/29/1988	5
	Hagiwara	4	7	7	5	5	8	5	10/04/1988	5
	Lau	4	8	1	8	4	6	4	04/04/1989	5
	Morell, et al.	4	8	2	3	4	0	4	04/25/1989	5
	Aoyama, et al.	4	9	7	8	6	1	5	12/18/1990	5
	Kurihara, et al.	5	1	0	8	7	3	9	04/28/1992	5
	Nakane, et al.	5	1	2	2	4	1	8	06/16/1992	5
	Potts, et al.	5	1	4	5	7	2	7	09/08/1992	5
	Collier, IV, et al.	5	1	6	9	7	0	6	12/08/1992	5
	Perkins, et al.	5	1	7	8	9	3	1	01/12/1993	5
	Uesaka, et al.	5	1	8	3	6	5	6	02/02/1993	5
	Tirunons, et al.	5	1	8	8	8	8	5	02/23/1993	5
	Kaminsky, et al.	5	2	0	4	4	2	9	04/20/1993	5



1001-10/2003
Sheet 2 of 5

(Rev. 8/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: KCX-665 (19232)	Serial Number: 107686,933
	Applicant: MacDonald, et al.	
	Filing Date: October 16, 2003 Confirmation No: 4589	Group Art Unit: 1744

	Ogale	5	3	0	0	3	6	5	04/05/1994	5
	Kempasha	5	4	0	7	4	4	2	04/18/1995	5
	Mural, et al.	5	4	2	7	8	4	4	06/27/1995	5
	Erderly, et al.	5	4	3	1	4	5	0	09/19/1995	5
	Obijeski, et al.	5	4	7	2	7	7	5	12/05/1995	5
	Maruo, et al.	5	4	8	0	6	3	6	01/02/1996	5
	Yini	5	4	8	6	3	5	6	01/23/1996	5
	Soerensen	5	5	2	7	1	7	1	05/18/1996	5
	Eherton, et al.	5	5	3	9	1	2	4	07/23/1996	5
	Parks	5	5	4	0	9	1	6	07/30/1996	5
	Krishnamurti, et al.	5	5	5	4	7	7	5	09/10/1996	5
	Emanons, et al.	5	6	6	3	2	2	4	09/02/1997	5
	McCormack	5	6	9	5	8	6	8	12/09/1997	5
	Brunner, et al.	5	7	3	3	2	7	2	03/31/1998	5
	Cook, et al.	5	8	1	7	3	0	0	10/06/1998	5
	English, et al.	5	8	3	7	3	5	2	11/17/1998	5
	Peterson, et al.	5	8	6	1	1	4	4	01/19/1999	5
	Lucas, et al.	5	8	7	4	0	6	7	02/23/1999	5
	Dodd, et al.	5	8	8	2	6	3	8	03/16/1999	5
	Peterson, et al.	5	8	8	5	5	9	9	03/23/1999	5
	Hanamoto, et al.	5	9	4	8	3	9	8	09/07/1999	5
	Kim, et al.	5	9	4	8	4	8	3	09/07/1999	5
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	Haffner, et al.	6	0	4	5	9	0	0	04/04/2000	5
	Weichel, et al.	6	0	4	7	4	1	3	04/11/2000	5
	Gillberg-LaForce, et al.	6	0	6	0	4	1	0	05/09/2000	5
	Pressley, et al.	6	0	7	3	7	7	1	06/13/2000	5
	McCormack, et al.	6	0	7	5	1	7	9	06/13/2000	5
	McCormack, et al.	6	1	1	1	1	6	3	08/29/2000	5
	McLaughlin, et al.	6	1	9	3	8	4	4	02/27/2001	5
	McCormack, et al.	6	2	3	8	7	6	7	05/29/2001	5
	Denkewicz, Jr., et al.	6	2	5	4	8	9	4	07/03/2001	5
	Gancei, et al.	6	2	7	7	7	7	2	08/21/2001	5
	Cohen, et al.	6	2	9	4	2	2	2	09/25/2001	5
	Aoyagi, et al.	6	2	9	9	8	6	7	10/09/2001	5
	McCormack, et al.	6	3	0	9	7	3	6	10/30/2001	5
	Dodd, et al.	6	3	4	4	2	1	8	02/05/2002	5
	Glaug, et al.	6	3	6	9	2	9	0	04/09/2002	5
	Coakley	6	4	2	5	5	3	0	07/30/2002	5
	Bosch, et al.	6	4	2	8	8	1	4	08/06/2002	5
	Yano, et al.	6	4	6	0	9	8	9	10/08/2002	5
	Wu, et al.	6	4	6	7	8	9	7	10/22/2002	5
	Sakaki, et al.	6	4	7	5	6	0	1	11/05/2002	5
	Proverb, et al.	6	4	9	1	7	9	0	12/10/2002	5
	Tomioka, et al.	6	5	1	7	1	9	9	02/11/2003	5
	Kato, et al.	6	5	3	6	8	9	0	03/25/2003	5
	Westman, et al.	6	5	5	1	4	5	7	04/22/2003	5
	Dobler, et al.	6	5	7	5	3	8	3	06/10/2003	5
	Brehm, et al.	6	6	2	3	8	4	8	09/23/2003	5
	Falst, et al.	6	6	3	9	0	0	4	10/28/2003	5
	Cramer, et al.	6	6	4	5	5	6	9	11/11/2003	5

INDEX (Rev. 5-9-2)

(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: KCX-665 (19232)	Serial Number: 10/686,933
	Applicant: MacDonald, et al.	
	Filing Date: October 16, 2003 Confirmation No: 4589	Group An Unit: 1744

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER								PUBLICATION DATE	COPY NOTE
ES	Sherman	0	0	0	3	1	4	5	01/17/2002	5	
	Soane, et al.	0	0	1	3	3	6	9	01/16/2003	5	
	Guarracino, et al.	0	0	2	3	3	3	8	09/20/2001	5	
	Hall-Puzio, et al.	0	0	3	1	2	4	8	10/18/2001	5	
	Proverb, et al.	0	0	7	0	7	8	2	04/17/2003	5	
	Chn, et al.	0	0	8	2	2	3	7	05/01/2003	5	
	Hausman, et al.	0	1	0	6	4	6	6	08/08/2002	5	
	Dugan	0	1	1	0	6	8	6	08/15/2002	5	
	Rohrbaugh, et al.	0	1	7	6	9	8	2	11/28/2002	5	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	TRANSLATION			COPY NOTE
				YES	NO	N/A	
[Handwritten marks]	WO	0 0 7 6 5 5 8 A1	12/21/2000			X	
	WO	0 2 0 6 2 8 8 A2	08/15/2002			X	
	WO	0 2 0 6 4 8 7 7 A2 & A3	08/22/2002			X	
	WO	0 2 0 8 3 2 9 7 A1	10/24/2002			X	
	WO	0 2 0 8 4 0 1 7 A1	10/24/2002			X	
	WO	0 2 0 9 5 1 1 2 A1	11/28/2002			X	
	WO	0 2 2 6 2 7 2 A1	04/04/2002			X	
	EP	0 2 3 2 1 4 1 A1	08/12/1987			X	
	WO	0 2 4 9 5 5 9 A2	06/27/2002	X			
	EP	0 2 5 1 7 8 3 B1	01/07/1988			X	
	WO	0 3 0 0 0 9 7 9 A2	01/03/2003			X	
	WO	0 3 0 2 5 0 6 7 A1	03/27/2002			X	
	WO	0 3 0 9 2 8 8 5 A1	11/13/2003			X	
	EP	0 3 4 8 9 7 8 A2	01/03/1990			X	
	EP	0 5 1 0 6 1 9 A1	10/28/1992			X	
EP	1 0 5 3 7 8 8 B1	10/08/2003			X		
EP	1 1 5 7 6 7 2 A1	11/28/2001			X		
EP	1 2 9 8 0 7 1 A1	04/02/2003			X		

PE JCE
23 2004

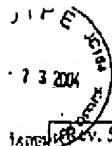
DM-10/2003
Sheet 4 of 5

(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a)(1) (Use several sheets if necessary)	Attorney Docket Number: KCX-665 (19232)	Serial Number: 10/686,933
	Applicant: MacDonald, et al.	
	Filing Date: October 16, 2003 Confirmation No: 4589	Group An Unit: 1744

WO	8	9	0	2	6	9	8	A1	04/06/1989			X	
WO	9	1	1	2	0	2	9	A1	08/22/1991			X	
WO	9	1	1	2	0	3	0	A1	08/22/1991			X	
WO	9	1	1	9	7	7	A1	08/22/1991				X	
WO	9	6	1	9	3	4	6	A2 & A3	06/27/1996			X	
WO	9	8	2	6	8	0	8	A2 & A3	06/25/1998			X	

*"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER INITIALS	OTHER DOCUMENTS	COPY NOTE
ES	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication Abstract of Japanese Patent No. 5106199 04/27/1993	
	Abstract of Japanese Patent No. 9143872 06/03/1997	
	Article Applicability of a SPME method for the Rapid Determination of VOCs, Alexandre Béné, Jean-Luc Luisier, and Antoine Fornage, Chimia, Vol. 56, No. 6, 2002, pp. 289-291	
	Article Characterisation of novel modified active carbons and marine algal biomass for the selective adsorption of lead, D.J. Malik, V. Sirelko, Jr., M. Streut, and A.M. Puziy, Water Research, Vol. 36, 2002, pp. 1527-1538	
	Article Significance of Ammonia in the Genesis of Gastric Epithelial Lesions Induced by Helicobacter pylori: An in vitro Study with Different Bacterial Strains and Urea Concentrations, P. Sommi, V. Ricci, R. Fiocca, M. Romano, K.J. Ivey, E. Cova, E. Solcia, and U. Ventura, Digestion, Vol. 57, 1996, pp. 299-304	
ES	Article Ammonia vapour in the mouth as a diagnostic marker for Helicobacter pylori infection: preliminary "proof of principle" pharmacological investigations, C. D. R. Dunn, M. Black, D. C. Cowell, C. Penault, N. M. Ratcliffe, R. Spence, and C. Teare, British Journal of Biomedical Science, Vol. 58, 2001, pp. 66-76	



DS-10/2003
Sheet 5 of 5

Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number:	Serial Number:
	KCX-665 (19232)	10/686,933
	Applicant:	
	MacDonald, et al.	
	Filing Date:	Group Art Unit:
	October 16, 2003	1744
	Confirmation No:	
	4589	

	Article Purification and Characterization of Urease from <i>Helicobacter pylori</i> , Bruce E. Dunn, Gail P. Campbell, Guillermo I. Perez-Perez, and Martin J. Blaser, The Journal of Biological Chemistry, Vol. 265, No. 16, June 5, 1990, pp. 9464-1990		
	Article Validation of ¹³ C-Urea Breath Test for the Diagnosis of <i>Helicobacter Pylori</i> Infection in the Singapore Population, T. S. Chua, K. M. Fock, E. K. Teo, T. M. Ng, Singapore Medical Journal, Vol. 43, No. 8, 2002, pp. 408-411		
	Article Significance of ammonia produced by <i>Helicobacter pylori</i> , Shigeji Ito, Yoshihiro Kohli, Takuji Kato, Yoshimichi Abe, and Takashi Ueda, European Journal of Gastroenterology & Hepatology, Vol. 6, No. 2, 1994, pp. 167-174		
	Article Spectrophotometric Assay of Thiols, Peter C. Jocelyn, Methods in Enzymology, Vol. 142, 1987, pp. 44-67		
EXAMINER	DATE CONSIDERED 2-6-07		
Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.			